SYSTEMS AND METHODS FOR
INTERFACING WITH
A USER IN INSTANT MESSAGING

Daniel Danker and Peter T. Barrett

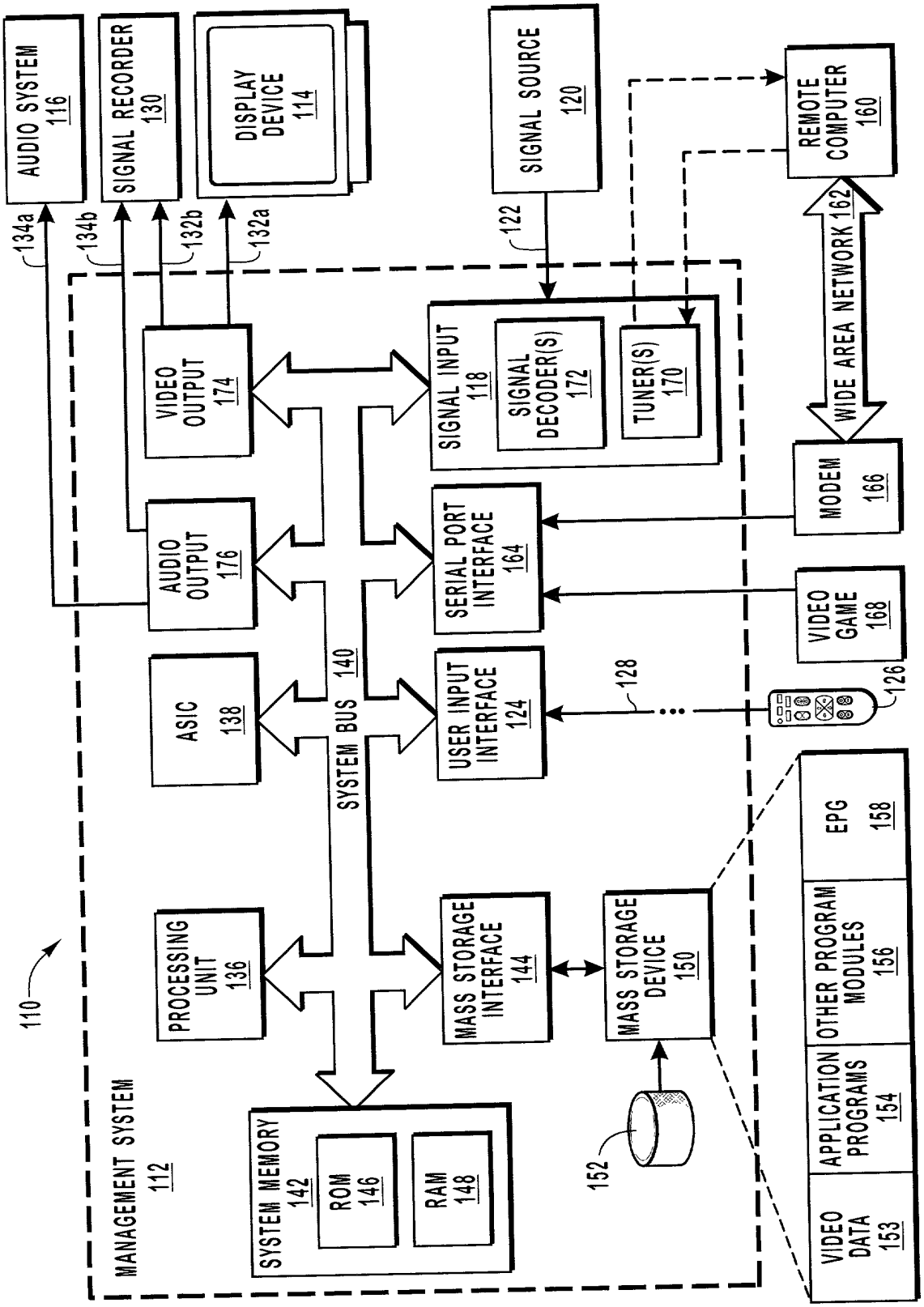

FIG. 1

NETWORK SYSTEM 200
NETWORK DEVICES 206
206a
206b
206c
NETWORK DEVICES 206
226a
226b
226c
NETWORK 205
225
CABLE DEVICES 204
204a
204B
204C
CABLE DEVICES 204
224a
224b
224c
222
CABLE TELEVISION NETWORK 203
223
SET TOP BOX 202
EXTRACTION MODULE 209
221
TELEVISION 201
DISPLAY DEVICE 208
AUDIO SYSTEM 204
REMOTE CONTROL 207

FIG. 2

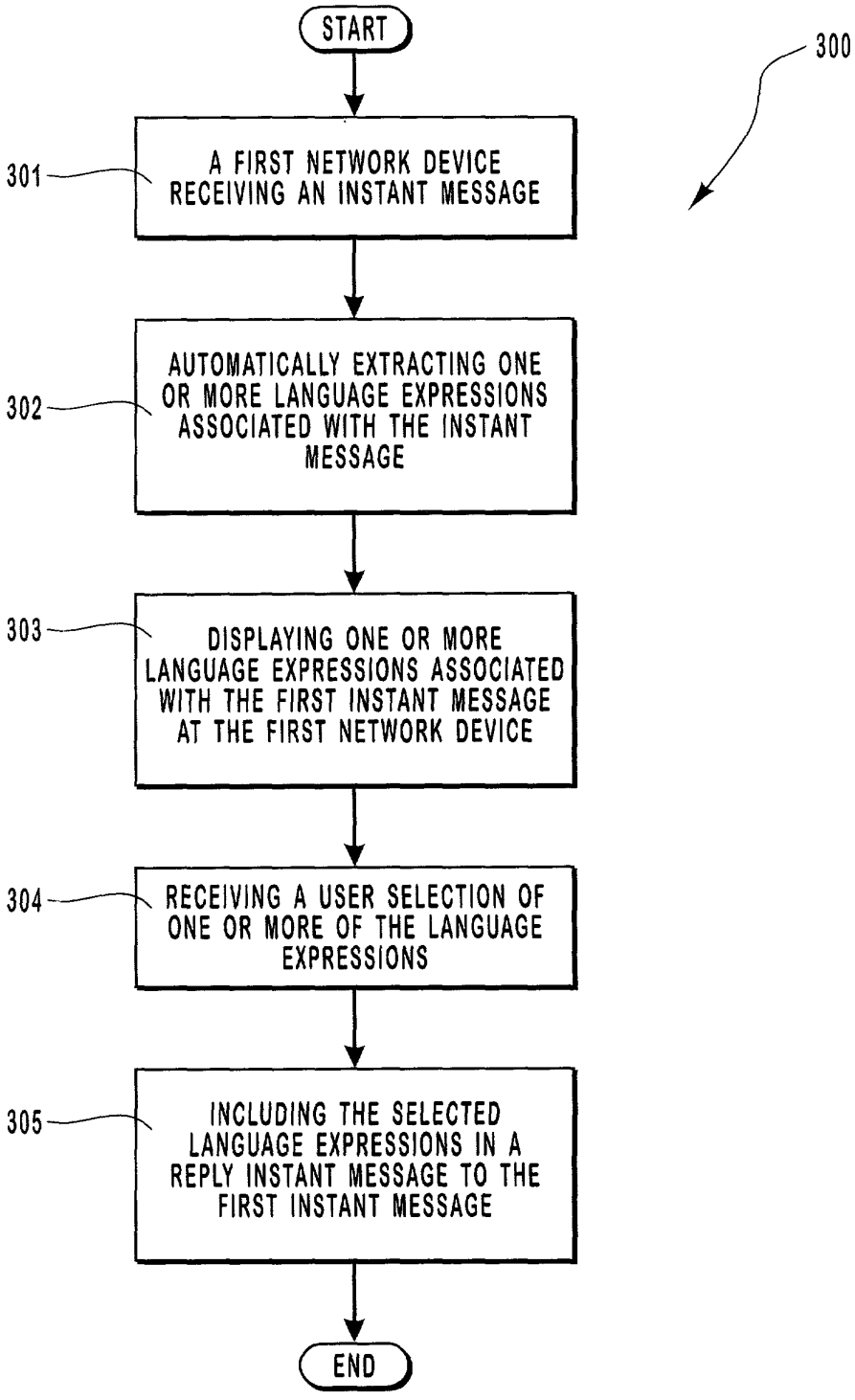
START
300
301
A FIRST NETWORK DEVICE RECEIVING AN INSTANT MESSAGE
302
AUTOMATICALLY EXTRACTING ONE OR MORE LANGUAGE EXPRESSIONS ASSOCIATED WITH THE INSTANT MESSAGE
303
DISPLAYING ONE OR MORE LANGUAGE EXPRESSIONS ASSOCIATED WITH THE FIRST INSTANT MESSAGE AT THE FIRST NETWORK DEVICE
304
RECEIVING A USER SELECTION OF ONE OR MORE OF THE LANGUAGE EXPRESSIONS
305
INCLUDING THE SELECTED LANGUAGE EXPRESSIONS IN A REPLY INSTANT MESSAGE TO THE FIRST INSTANT MESSAGE
END

FIG. 3

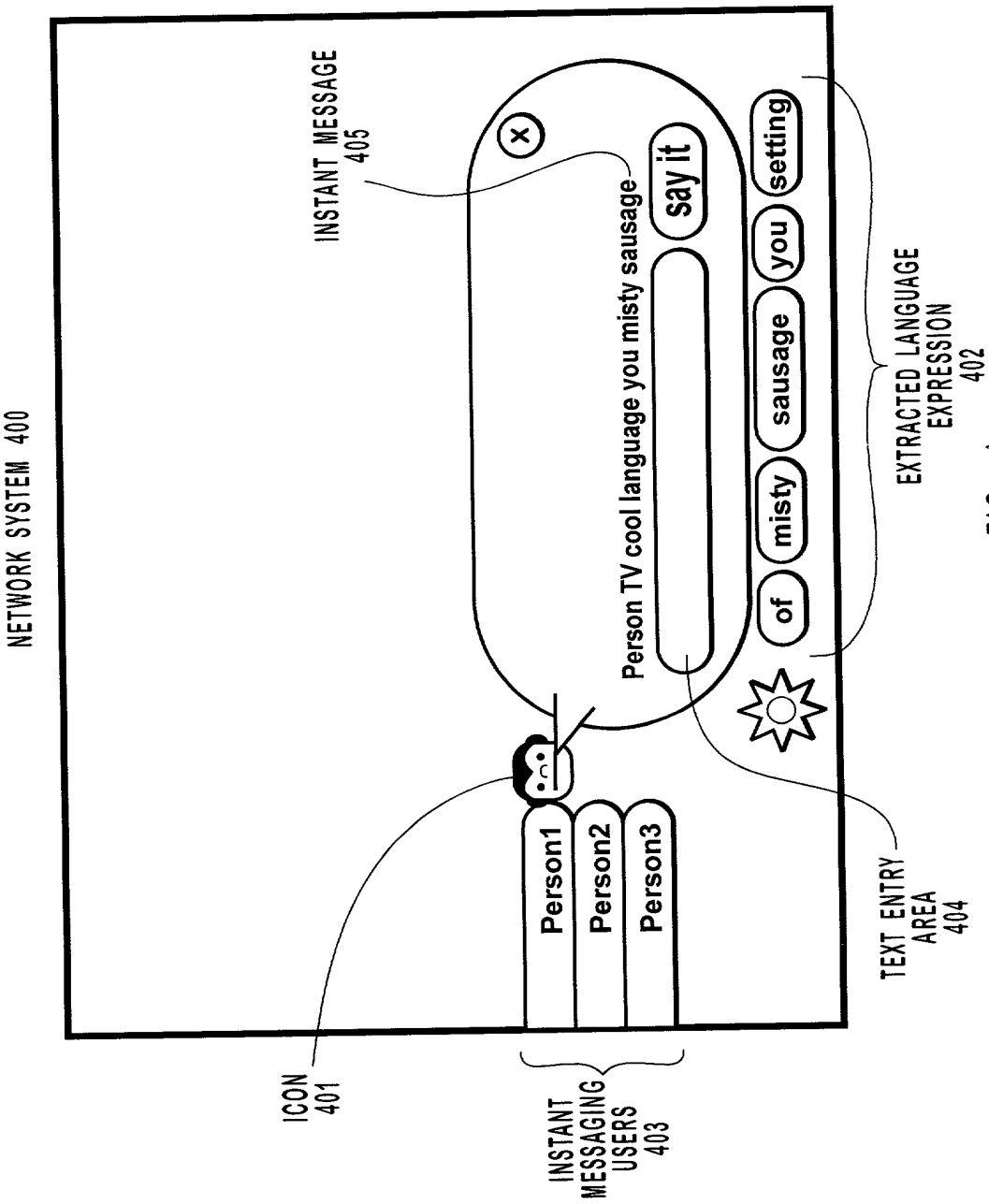
NETWORK SYSTEM 400
INSTANT MESSAGE 405
Person TV cool language you misty sausage
say it
of
misty
sausage
you
setting
EXTRACTED LANGUAGE EXPRESSION 402
Person1
Person2
Person3
TEXT ENTRY AREA 404
ICON 401
INSTANT MESSAGING USERS 403

FIG. 4

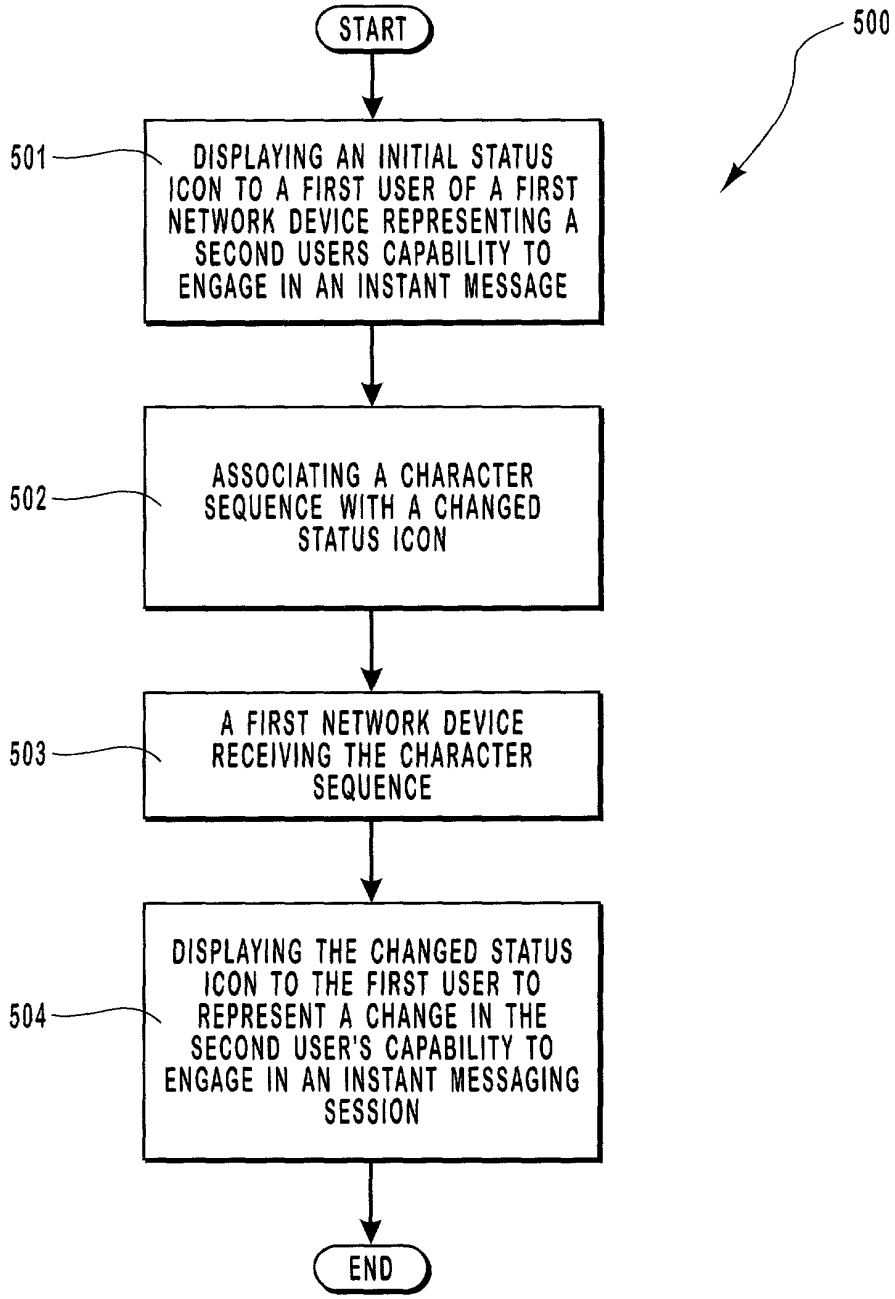

FIG. 5

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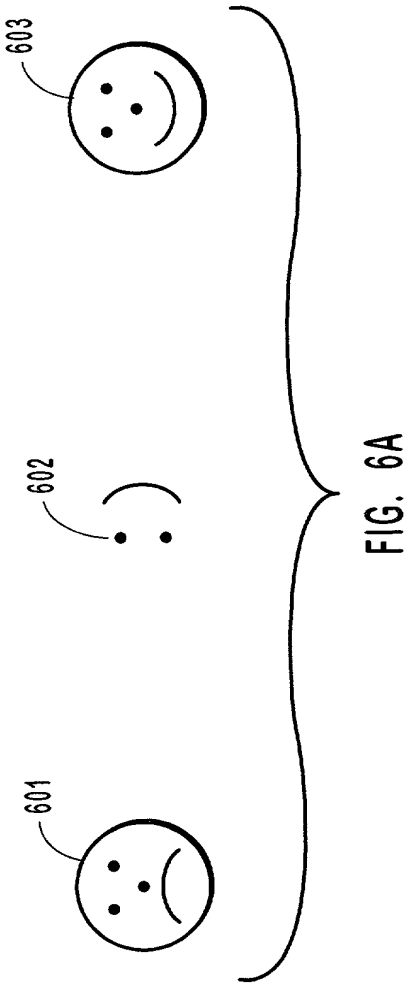

FIG. 6A

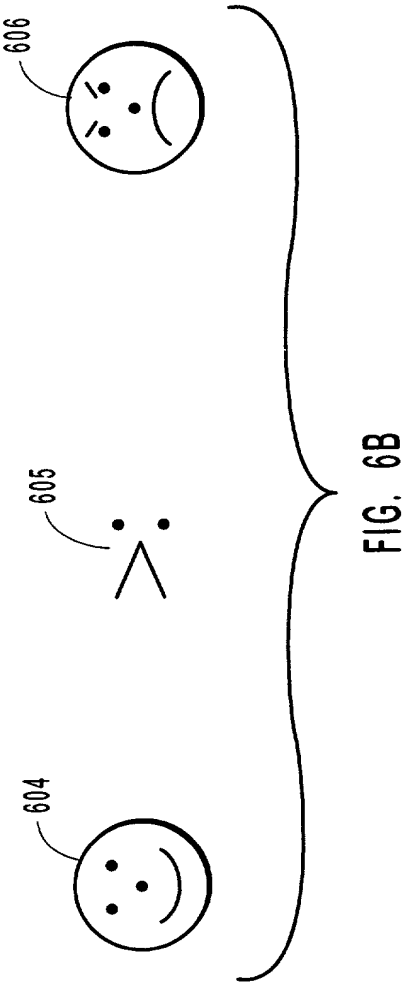

FIG. 6B